

# Weekly Report

2018.0514-2018.0520

## 1. This Week

### WaveLines major revision

1. Revise the wavelines paper, including:
  - Reorganize the design process.
  - Revise related work 2.3 and organize multivariate time series visualization works.
  - Revise presentation in the paper.
  - Shorten the paper and abandon the repeated parts.

### Black Book Revision

1. collect and organize the materials
2. revise chapter 10.3-10.7, including:
  - add recent year works in section 10.3-10.7
  - change section 10.6 to emotional analysis in text visualization
  - add section 10.7 as complex visual analysis systems for text visualization

### Others

1. Discuss with Li Zongzhuang about his work last week and decide the following tasks, including:  
Read a survey of anomaly detection  
Realize the two SQC methods with python on himself.
2. Teach Chen Zexian, Zhou Shuyue and Pan Rusheng how to operate the big screen and how to present the projects with it.
3. Searching and reading papers about basic charts, especially stacked chart.

### Paper Reading

1. Visual analysis of public perceptions of brands on social media
2. EdWordle: Consistency-preserving Word Cloud Editing
3. Poemage: Visualizing the sonic topology of a poem
4. Task-driven comparison of topic models
5. Multi-model semantic interaction for text analytics
6. PEARL: An interactive visual analytic tool for understanding personal emotion style derived from social media
7. word2vec explained: Deriving mikolov et al.'s negative-sampling word-embedding method
8. Distributed representations of words and phrases and their compositionality
9. Efficient estimation of word representations in vector space

## 2. Progress

Task	Progress	Time
Wavelines Revision	Finished	February
Power Grid Paper with Deep Learning	Prepare to start	
Revise the black book	Almost finished	May